

FOR NATIONAL PHASE SUBMISSION

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CLAIM AMENDMENTS

WHAT IS CLAIMED IS:

This listing of the claims will replace all prior versions, and listing, of claims in the application:

1. **(Currently Amended) An actuator unit ~~with~~ comprising:**
- a tube spring ~~(32)~~;
 - a piezoelectric actuator ~~(31)~~, that is inserted into the tube spring ~~(32)~~,
 - a first cap ~~(33)~~, that is connected to the tube spring ~~(32)~~ at a first free end ~~(34)~~ of the tube spring ~~(32)~~ and which is adjoined by the piezoelectric actuator ~~(31)~~, ~~characterised in that the actuator unit further comprises,~~
 - a tube-shaped body ~~(38)~~, that is connected to the tube spring ~~(32)~~ by joining and is arranged in the area of a second free end ~~(35)~~ of the tube spring ~~(32)~~, and
 - a means for pretensioning, that is supported by the tube-shaped body ~~(38)~~ and pretensions the piezoelectric actuator ~~(31)~~.

2. **(Currently Amended) An actuator unit according to claim 1, with comprising a body ~~(37)~~, that comprises a disc-shaped part ~~(371)~~, which is inserted into the tube spring ~~(32)~~ between the piezoelectric actuator ~~(31)~~ and the tube-shaped body ~~(38)~~ and which is influenced by the means for pretensioning.**

3. **(Currently Amended) An actuator unit according to claim 2, ~~with wherein~~ the body ~~(37)~~ being is a bolt-shaped body.**

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4. (Currently Amended) An actuator unit according to claim 1, comprising in a accordance with one of the preceding claims, characterized in that
~~there is~~ a thread in the tube-shaped body ~~(38)~~, ~~that and wherein~~
the pretensioning means is a screw that is screwed into the thread.

5. (Currently Amended) An actuator unit according to claim 3, whereinin accordance with claims 3,
~~characterized in that~~
the bolt-shaped body is spherically shaped on its shaft side.

6. (Currently Amended) An actuator unit according to claim 1, whereinin accordance with one of the preceding claims,
~~characterized in that~~
the tube-shaped body ~~(38)~~ has a jump ~~(381)~~ in its diameter on its outer circumference.

7. (Currently Amended) An actuator unit according to claim 1, whereinin accordance with one of the preceding claims,
~~characterized in that~~
the tube-shaped body ~~(38)~~ is joined to the tube spring ~~(32)~~ by welding.

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8. (Currently Amended) A Method for manufacturing an actuator unit, ~~which comprises~~inges the steps of

- joining a first cap ~~(33)~~ with a tube spring ~~(32)~~ on a first free end ~~(34)~~ of the tube spring ~~(32)~~,
- inserting a piezoelectric actuator into the tube spring ~~(32)~~,
- arranging a tube-shaped body ~~(38)~~ in the area of a second free end ~~(35)~~ of the tube spring ~~(32)~~ and connecting the tube spring ~~(32)~~ by joining and
- inserting a pretensioning means, that is supported by the tube-shaped body ~~(38)~~ and pretensions a piezoelectric actuator ~~(31)~~.

9. (Currently Amended) A method in accordance with claim 8, wherein

~~characterized in that~~

after inserting the piezoelectric actuator ~~(31)~~ into the tube spring ~~(32)~~ a body ~~(37)~~ is inserted, that comprises a disc-shaped part ~~(371)~~, into the tube spring ~~(32)~~ from the side of the second free end ~~(35)~~.

10. (NEW) An actuator unit comprising:

- a tube spring comprising a piezoelectric actuator,
- a first cap connected to the tube spring at a first free end of the tube spring,
- a tube-shaped body, that is connected to the tube spring and arranged in the area of a second free end of the tube spring, and
- a piezoelectric actuator pretensioning device supported by the tube-shaped body.

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11. **(NEW)** An actuator unit according to claim 10, comprising a body, that comprises a disc-shaped part, which is inserted into the tube spring between the piezoelectric actuator and the tube-shaped body and which is influenced by the piezoelectric actuator pretensioning device.

12. **(NEW)** An actuator unit according to claim 11, wherein the body is a bolt-shaped body.

13. **(NEW)** An actuator unit according to claim 10, comprising a thread in the tube-shaped body, and wherein the piezoelectric actuator pretensioning device is a screw that is screwed into the thread.

14. **(NEW)** An actuator unit according to claim 12, wherein the bolt-shaped body is spherically shaped on its shaft side.

15. **(NEW)** An actuator unit according to claim 10, wherein the tube-shaped body has a jump in its diameter on its outer circumference.

16. **(NEW)** An actuator unit according to claim 10, wherein the tube-shaped body is joined to the tube spring by welding.